

WHAT IS CLAIMED IS:

1. An air gun comprising a main body, a striker rod for striking paint bullet
and a gunlock for controlling the striker rod being longitudinally arranged
5 in the main body in parallel to each other, the striker rod and the gunlock
being driven by a rear block, the rear block being pushed by a thruster
disposed in the main body, a controlling valve being disposed at front end
of the main body for controlling direction of airflow, the controlling valve
being connected with several pipelines for connecting with an air source
10 and the thruster, a trigger being arranged under the bottom of the main
body for controlling the direction of airflow of the controlling valve and
the strike of the gunlock, said air gun being characterized in that thruster is
mounted in the main body right at the center of the rear block, the thruster
including a piston rod which is controlled by the controlling valve and
15 axially movable out of the main body, one end of the piston rod extending
out of the main body being right fixedly connected with the center of the
rear block.
2. The air gun as claimed in claim 1, wherein the main body is formed with
20 an upper air chamber and a lower air chamber which are longitudinally
arranged in parallel to each other, the striker rod and the gunlock being
respectively disposed in the upper and lower air chambers, the thruster
being disposed in the main body between the upper and lower air
chambers, whereby the end of the piston rod of the thruster is right fixedly
25 connected with the center of the rear block.
3. The air gun as claimed in claim 1, wherein the thruster includes a cylinder

disposed in the main body right at the center of the rear block, the piston rod being disposed in the cylinder, one end of the piston rod positioned in the cylinder having a piston, the other end of the piston rod extending out of the cylinder being right fixedly connected with the center of the rear block, two ends of the cylinder being respectively formed with two vents for connecting with the pipelines of the controlling valve, the piston being positioned between the two vents of the cylinder.

5

4. The air gun as claimed in claim 3, wherein two sides of the main body are respectively formed with two channels extending to the vents, the vents radially respectively communicating with the channels, the pipelines of the controlling valve extending along the channels to connect with the vents.

10

5. The air gun as claimed in claim 3, wherein two passages are respectively formed in the main body on two sides of the thruster, one end of each passage being connected with the vent, while the other end of the passage being connected with the pipeline of the controlling valve.

15

6. The air gun as claimed in claim 1, wherein thruster has an air chamber directly formed in the main body right in alignment with the center of the rear block, the piston rod being disposed in the air chamber, one end of the piston rod positioned in the air chamber having a piston, the other end of the piston rod extending out of the air chamber being right fixedly connected with the center of the rear block, two ends of the air chamber being respectively formed with two vents for connecting with the pipelines of the controlling valve, the piston being positioned between the two vents of the air chamber.

20

25

7. The air gun as claimed in claim 6, wherein two sides of the main body are respectively formed with two channels extending to the vents, the vents radially respectively communicating with the channels, the pipelines of the
5 controlling valve extending along the channels to connect with the vents.
8. The air gun as claimed in claim 6, wherein two passages are respectively formed in the main body on two sides of the thruster, one end of each passage being connected with the vent, while the other end of the passage
10 being connected with the pipeline of the controlling valve.